

October-02-12 11:32:05 AM

Page 1

Setup Start *NS1*

Stop *NS2*

Customer:

1

~~*1*~~

Run Start *NR1*

Date: 12-10-02

Date:

Date:

Date:

Stop *NR2*



NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Work Order ID 91050

91050

Page 2

October-02-12 11:32:05 AM

Item ID: D2330-5

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Frame

Start Date: 02/10/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 16/10/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

12/10/30
MF
12-10-03

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION <div style="display: flex; justify-content: space-around;"> <div>Rework <input type="checkbox"/></div> <div>Skid-tube <input type="checkbox"/></div> <div>Crosstube <input type="checkbox"/></div> <div>Water Jet <input type="checkbox"/></div> <div>Engineering <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Scrap <input type="checkbox"/></div> <div>Machining <input type="checkbox"/></div> <div>Small Fab <input type="checkbox"/></div> <div>Prod. Eng. Coord. <input type="checkbox"/></div> <div>Quality <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Use-as-is <input type="checkbox"/></div> <div>Thermoforming <input type="checkbox"/></div> <div>Finishing <input type="checkbox"/></div> <div>Rec/Store/Packaging <input type="checkbox"/></div> <div>Other <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Work Order Update <input type="checkbox"/></div> <div>Large Fab <input type="checkbox"/></div> <div>Composite <input type="checkbox"/></div> <div>Supplier <input type="checkbox"/></div> </div>	
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

October-02-12 11:32:09 AM

Page 1

Work Order ID: 91050

91050

Parent Item: D2330-5

D2330-5

Parent Item Name: Frame

Start Date: 02/10/2012

Required Date: 16/10/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A 10.09.08 new issue DD verf:EC
10.11.30 AS PER DWG REV.H DD VERF:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.065		Purchased		No		100	f	1,266.799	2.88	3.031579			

M304TS0 750W 065

**

304 SQ Tube .75x.75x.065W

10.12.10.03

Location

Loc Qty

Loc Code

MAT

293.167

112398

0

122051

293.167

MAT017

932.632

122468

932.632

MAT018

41

7636

41

3.06

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update </div> <div> <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab </div> <div> <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite </div> <div> <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier </div> <div> <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other </div> </div>	
--	--	--	--	--	--

ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D2330-041	BASKET ASSEMBLY
3		X	D2330-043	LID ASSEMBLY
7	1		D2012-107	CLEVIS
8	4		D2235-1	RIB
9	2	2	D2252-1	FRAME
10	1	4	D2252-7	FRAME
11	2		D2253-1	LUG
12	2		D2254	GUSSET
13	1	1	D2327-3	BUSHING
14		1	D2329	LABEL PLATE
15	2	2	D2330-1	FRAME
16	1		D2330-5	FRAME
17	1		D2330-7	FRAME
18		1	D2330-15	FRAME
19	4	2	D2581	MOUNTING CHANNEL
20	3		D3748-1	HINGE HALF
21		3	D3749-1	HINGE HALF

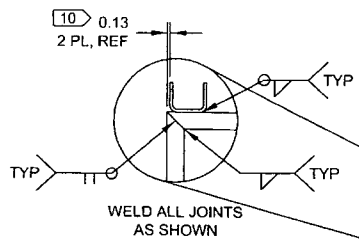
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 91050 MLCJ
12-10-02

RELEASED
2010-11-25

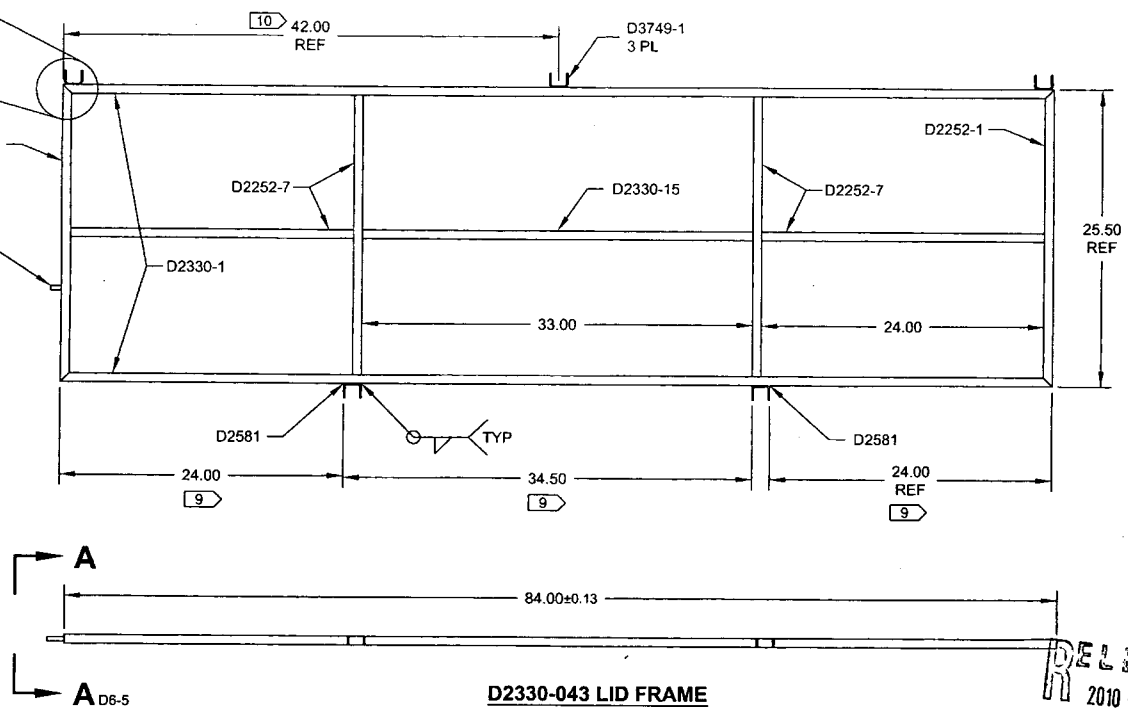
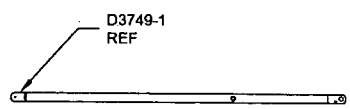
- NOTES:**
1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
3) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) WEIGHT: N/A
9) WELDING: PER DART QSI 004

H	DIM 0.50 WAS 0.75 (ZN D2-3 & D6-3) REF NCR 10-346	JPH	10.09.28
G	ADDED 'ITEM' COLUMN TO PARTS LIST; ADDED NOTE 10 ON SHT 2; ITEMS 20 AND 21 REPLACE D2232-1/3; STRETCHED LID FROM 83.27" TO 84.00"; ITEMS 9 & 10 REPLACE D2330-3/9-13; ITEM 13 (ON LID) REPLACES D2327-1; REORGANIZED ALL SECTION & DETAIL VIEWS. REASON: SEE PAR#09-006.	MB	09.02.05
F	DRAWING UPDATED TO CURRENT STANDARDS. SHEET 6 ADDED. FRAME MATERIAL THICKNESS WAS .0660.	AJS	08.08.11
E	INCORPORATED D1. D2253-1 WAS D2253 (NCR 533).	KE	05.11.10
D	MODIFIED LATCH, REDRAWN	KE	99.09.14
C	ADDED LATCH AND LABEL PLATE	BK	96.05.23
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.		DRAFTING NO. REV. H D2330 SHEET 1 OF 6 TITLE SCALE BASKET ASSEMBLY (206B) NTS	
DATE	10.09.28	<small>COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

91050






SEE DETAIL G
A2-5



D2330-043 LID FRAME

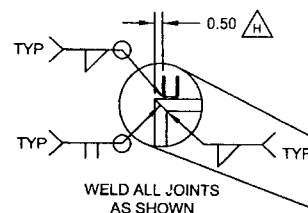
LID FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004
- 9) ALIGN WITH ADJACENT D2581 ON BASE
- 10) CENTER D3749-1 HINGE HALF ON D3748-1 HINGE HALF LOCATED ON D2330-041 BASKET BASE ASSEMBLY

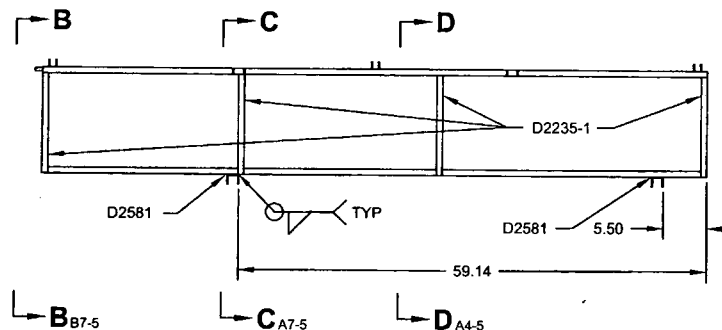
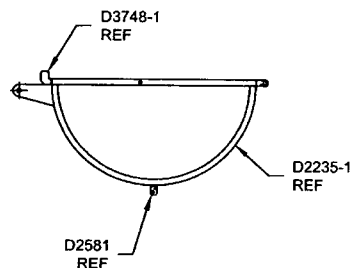
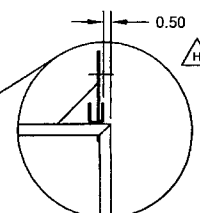
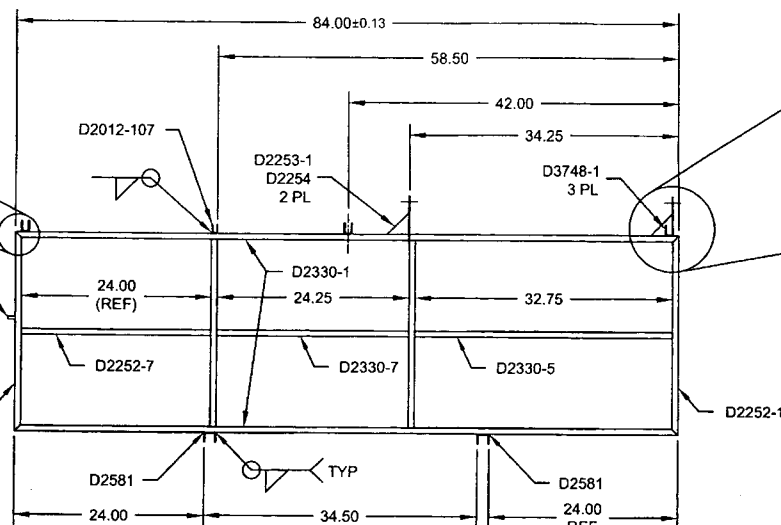
DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DE APPR.		BASKET ASSEMBLY (206B)	NTS
DATE	10.09.28	COPYRIGHT © 1994 BY DART AEROSPACE LTD	
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RELEASED
2010-11-25

91050



D2327-3
REF
SEE DETAIL G
A2-5



RELEASE
2010-11-25

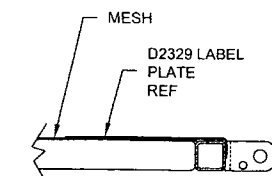
D2330-041 BASE FRAME ASSEMBLY

BASE FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

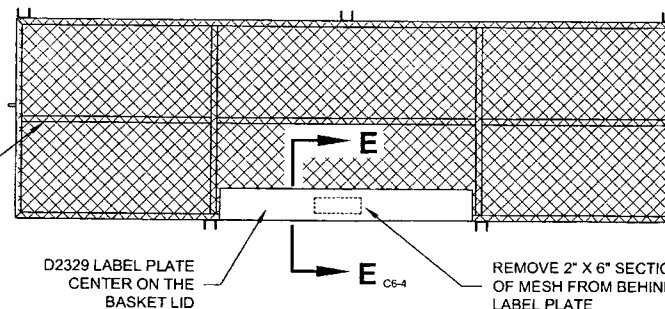
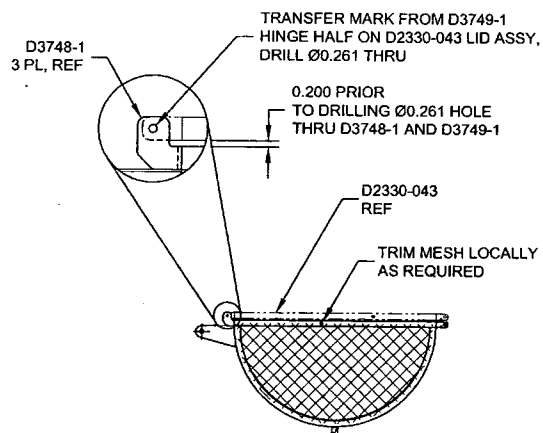
DESIGN	JB	DART AEROSPACE LTD	
DRAWN	For JFH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	UP	DRAWING NO.	REV. H
MFG. APPR.	M	D2330	SHEET 3 OF 6
APPROVED	J	TITLE	SCALE
DE APPR.	J	BASKET ASSEMBLY (206B)	NTS
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91050

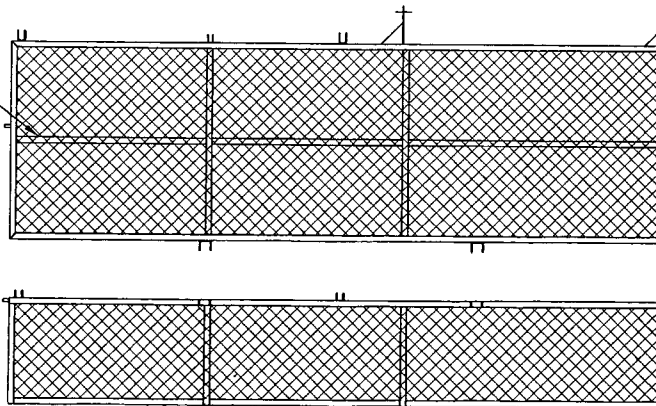


SECTION E-E C3-4
VIEW ROTATED 90° CCW

TACK WELD EACH
STRAND END OF
MESH TO FRAME



D2330-043 LID ASSEMBLY



D2330-041 BASE ASSEMBLY

ASSEMBLY NOTES:

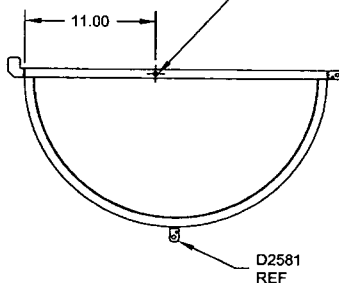
- 1) MATERIAL: SEE SHEET 1 FOR MESH MATERIAL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 4 OF 6
APPROVED		TITLE	SCALE
DE APPR.		BASKET ASSEMBLY (206B)	NTS
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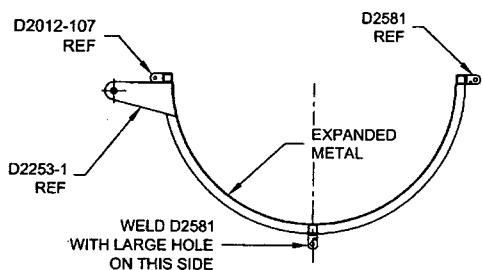


VIEW A-A A6-2

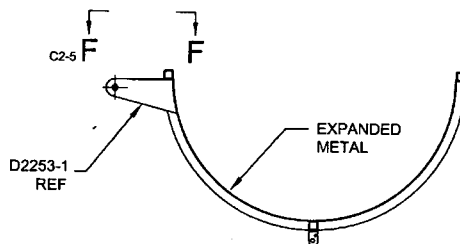
DRILL 3/8 HOLE AND
INSTALL D2327-3
SEE DETAIL G A2-5



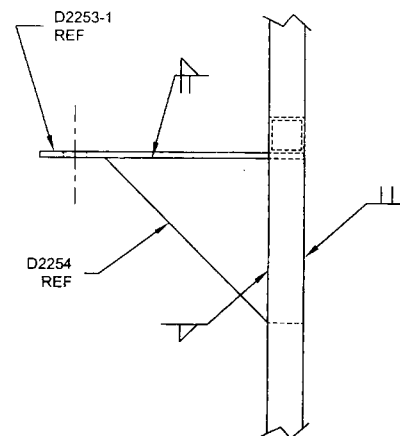
VIEW B-B A5-3



SECTION C-C A4-3

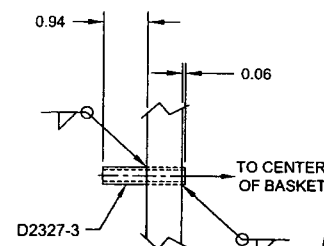


SECTION D-D A3-3



VIEW F-F B6-5

SCALE 4X



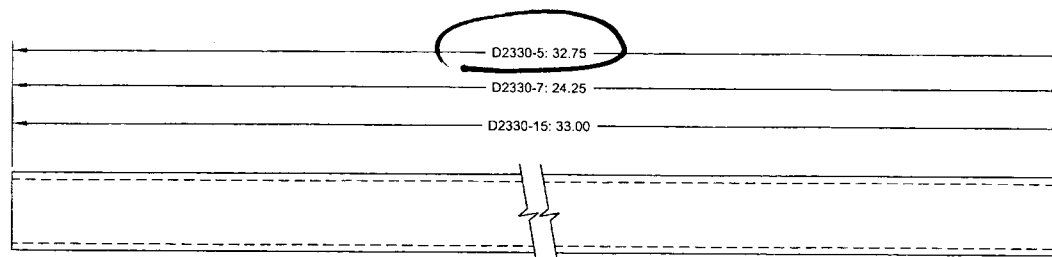
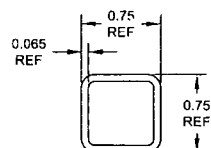
DETAIL G
SPACER INSTALLATION
SCALE 4X

RELEASED
2010-11-25

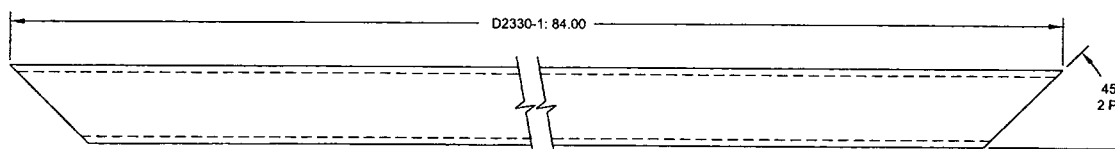
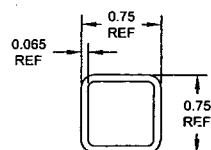
DESIGN	JB	DART AEROSPACE LTD
DRAWN	D. P. J. P. H.	HAWKESBURY, ONTARIO, CANADA
CHECKED	W. J.	DRAWING NO. D2330
MFG. APPR.	W. J.	REV. H
APPROVED	W. J.	SHEET 5 OF 6
DE APPR.	W. J.	TITLE BASKET ASSEMBLY (206B)
DATE	10.09.28	SCALE NTS

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91050








D2330-5 FRAME
D2330-7 FRAME
D2330-15 FRAME



D2330-1 FRAME

NOTES:

- 1) FRAME MATERIAL: SEE SHEET 1
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DE APPR.		BASKET ASSEMBLY (206B)	NTS
DATE	10.09.28	COPYRIGHT © 1994 BY DART AEROSPACE LTD	
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